



Our County

Public Health and Air Quality:  
An 'Our County' Workshop

October 3, 2018

# Stakeholder Process and Today's Agenda

# Stakeholder Engagement Equity Statement



## Equity

### Goal

Reduce disparities across geographies due to race, class, gender, and other social differences

### Strategy

Commit resources to include those often left out of policy and planning discussions

### Indicators

<b>Distributional</b>	Actions that repair current and historical imbalances
<b>Procedural</b>	Participatory decisionmaking with vulnerable communities
<b>Transformational</b>	Strategies securing future benefits for at-risk populations

# Stakeholder Engagement Plan



# Stakeholder Engagement Timeline



# Today's Team Leaders



## Stakeholder Engagement

- UCLA: Laurel Hunt & Ari Simon
- Liberty Hill: Michele Prichard, Ben Russak & Chuy Flores
- Estolano LeSar Advisors: Cynthia Guzman

## Data & Analysis and Topic Teams

- UCLA: Harjot Kaur
- BuroHappold: Chris Rhie
- Raimi + Associates: Monica Guerra
- GNA: Cliff Gladstein

# Today's Agenda



## 9:10 **Welcome**

- Welcome (Laurel Hunt & Ari Simon, UCLA)
- CARB Welcome (Hector De La Torre)
- Introduction to Our County (Gary Gero, LA County Chief Sustainability Officer)
- Public Health Overview (Monica Guerra, Raimi + Associates)
- Nonprofit Workshop Summary (Michele Prichard, Liberty Hill Foundation)

## 9:45 **Breakout #1: Goals**

## 10:30 **Break**

## 10:40 **Breakout #2: Strategies**

## 12:05 **Breakout #3: Cross-sector Collaboration**

## 12:20 **Closing Remarks**

- Kristen Torres Pawling, LA County Chief Sustainability Office

## 12:30 **Survey and Adjournment**

# Hector De La Torre

California Air Resources Board



# The Team

# Consultant Team



Topic and data collection and analysis leadership and stakeholder engagement co-leadership



Stakeholder engagement  
co-leadership



Topic expert: open space



Topic expert: housing,  
economy & workforce development



Advisors



Topic expert:  
health and wellbeing



Topic expert:  
transportation



Topic expert:  
air quality

# Los Angeles County Chief Sustainability Office

A wide-angle landscape photograph showing a valley with rolling hills. In the distance, a large array of wind turbines is visible against a clear blue sky. In the foreground, there are green fields with patches of red flowers. To the right, a large solar farm with rows of photovoltaic panels is visible. A dirt road winds through the foreground.

**The Chief Sustainability Office provides comprehensive and coordinated policy support and guidance for the Board of Supervisors, County departments, the unincorporated areas, and the region to make our communities healthier, more liveable, economically stronger, more equitable, more resilient, and more sustainable.**

# The Plan

# The County's Aims



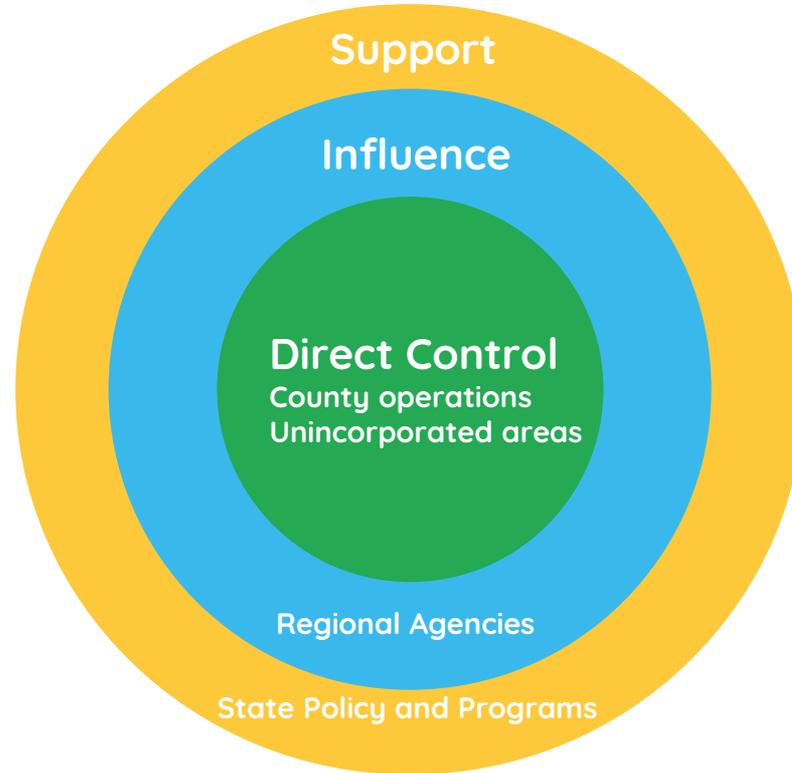
The plan should be:

- Aspirational, Comprehensive, Long-Term, Regional, Actionable

The task:

- Develop a comprehensive framework for County and City sustainability initiatives
- Serve as template for local cities when preparing sustainability/climate action plans
- Prepare the region to be competitive for funding

# The County's Sphere of Influence



# Countywide Sustainability Plan Framework



- Water
- Energy
- Climate
- Air Quality
- Land Use and Transportation
- Open Space, Recreation and Habitat/Biodiversity
- Resource Recovery and Waste Management
- Public Health and Well-Being
- Economy and Workforce Development
- Housing



**Equity &  
Resilience  
woven  
throughout**

# Organizing Principles



**Nurturing Healthy Communities**



**Cultivating a Just Economy**



**Fostering a Healthy Relationship with the Environment**



**Making It Happen**

## Vision

A core value or values at the heart of the plan – the “why”

## Goals

Broad, aspirational statement of what we want to achieve

## Strategies

Approach or approaches that we take to achieve a goal (strategies may support multiple goals)

## Actions

Specific policy, program, or tool we take to achieve a strategy

*PERFORMANCE MONITORING*

## Indicators

Quantitative measures used to assess performance on a regular basis

## Targets

Levels of performance that are sustainable

# Key Terms

## Vision

A core value or values at the heart of the plan – the “why”

## Goals

Broad, aspirational statement of what we want to achieve

## Strategies

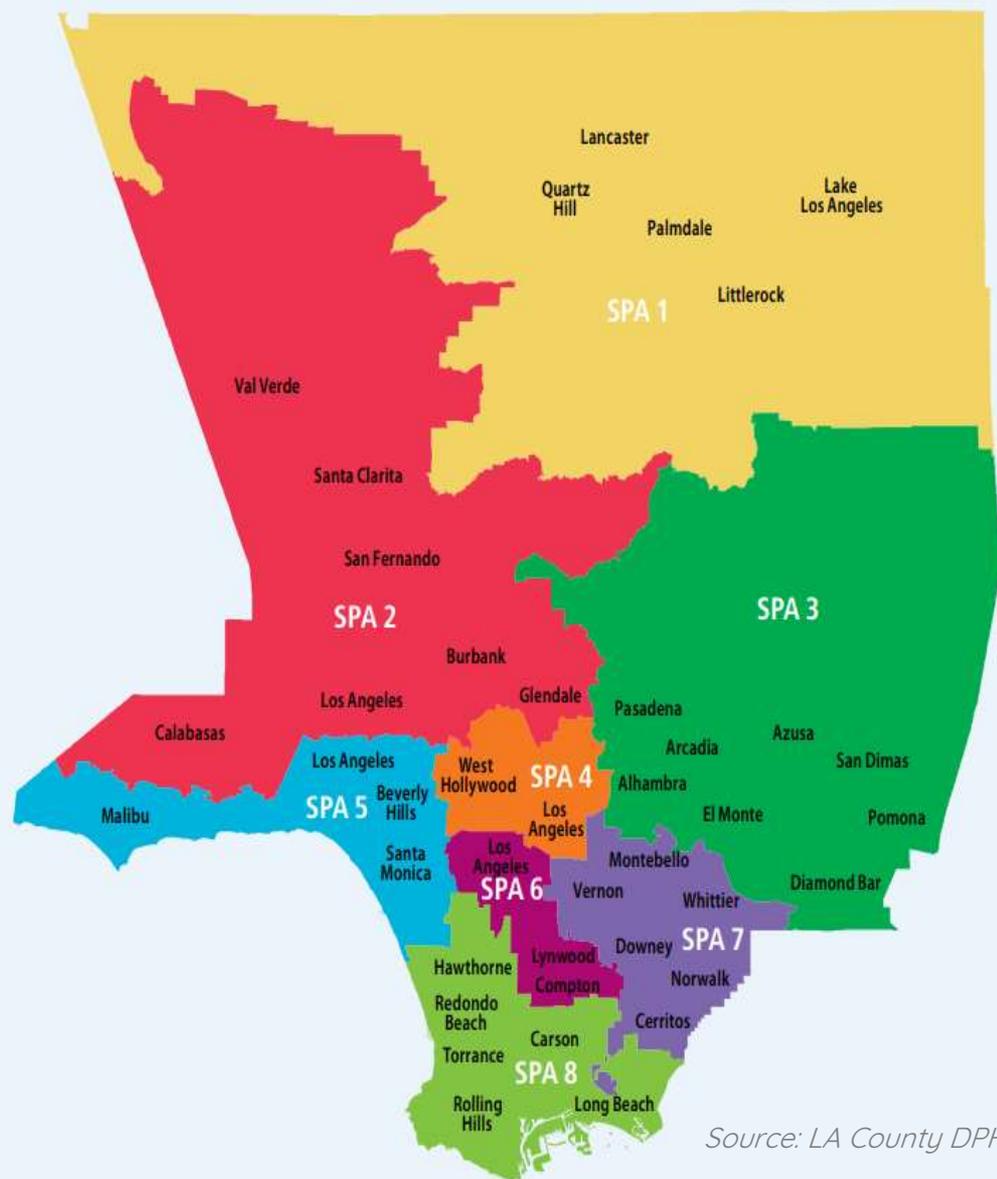
Approach or approaches that we take to achieve a goal (strategies may support multiple goals)

# Today's Focus

# LA County Public Health Overview

# Key Findings

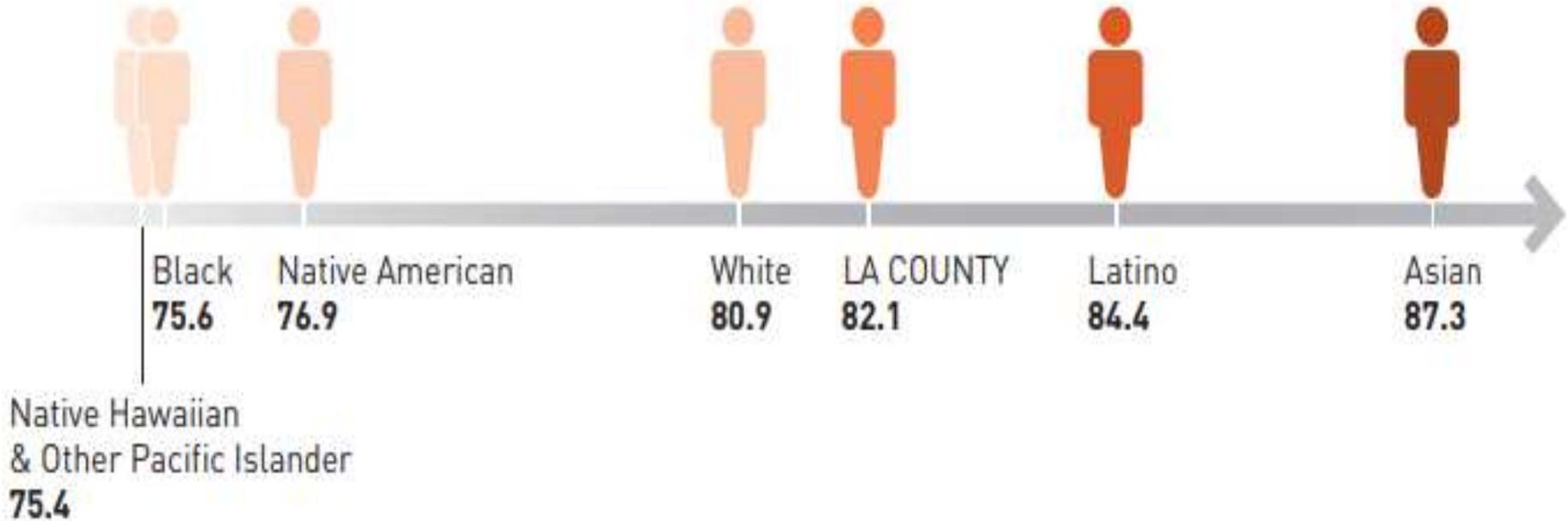
- Significant **racial and ethnic disparities** in health outcomes + determinants of health
- **Spatial inequalities** in health
- **Social determinants of health** influence health + wellbeing
- **Climate change** will be a risk amplifier



Source: LA County DPH



## LIFE EXPECTANCY AT BIRTH (YEARS)



Source: *A Portrait of Los Angeles County, Measure of America of the Social Science Research Council.*

# Health and Wellbeing

Defined by:

- Physical health
- Social, mental, and emotional health
- Economic wellbeing



*Source: LA County DPH*

# Social Determinants of Health



- Green spaces
- Sidewalks and bike paths
- Affordable housing



- Fresh produce stores
- High-quality schools
- Affordable health care
- Accessible public transportation



- Jobs with decent wages
- Work/life balance
- A diverse economy
- Affordable, safe childcare

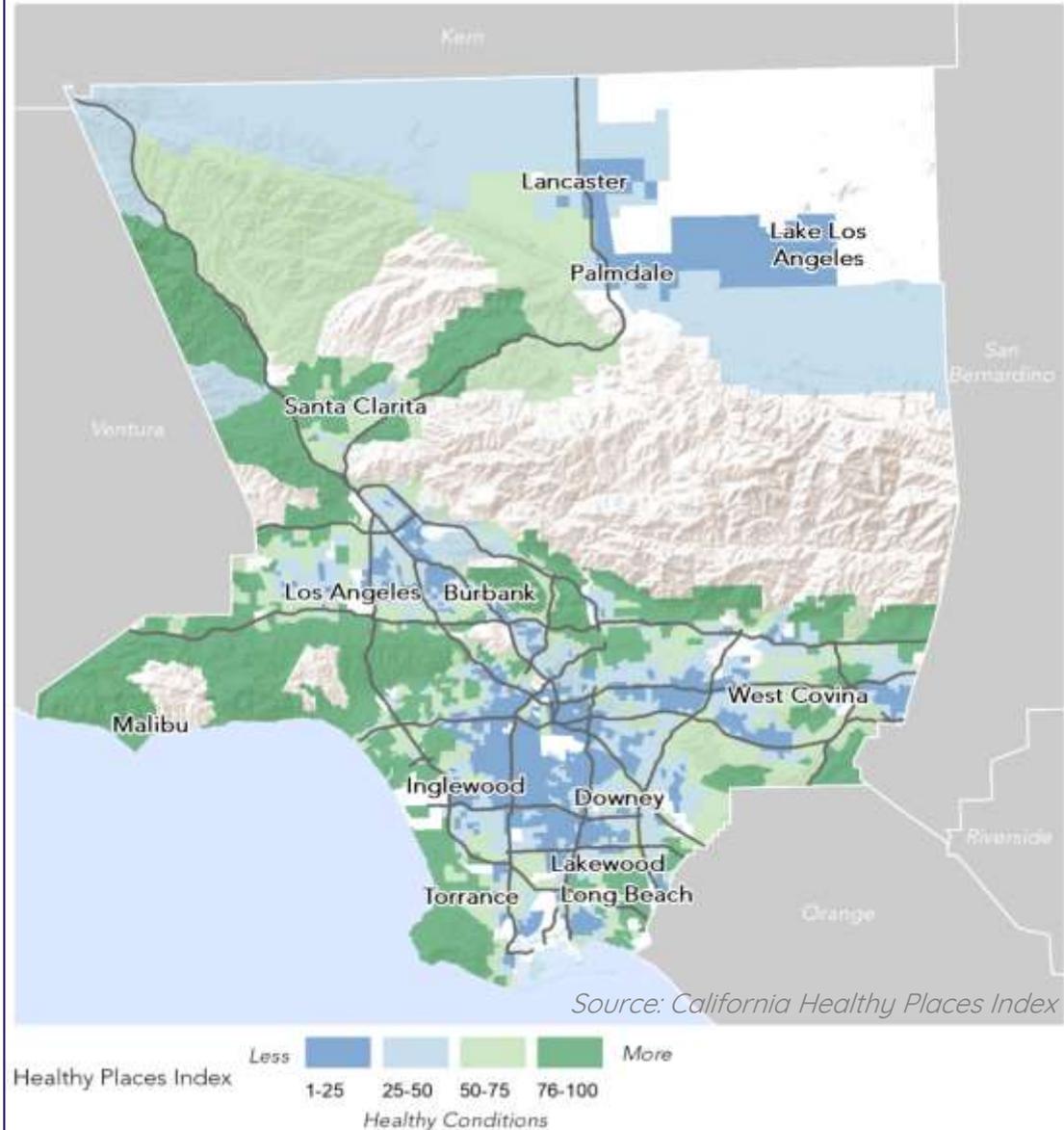


- Equality under the law
- Accountable government
- Safety and security

Source: *A Portrait of Los Angeles County. Measure of America of the Social Science Research Council.*

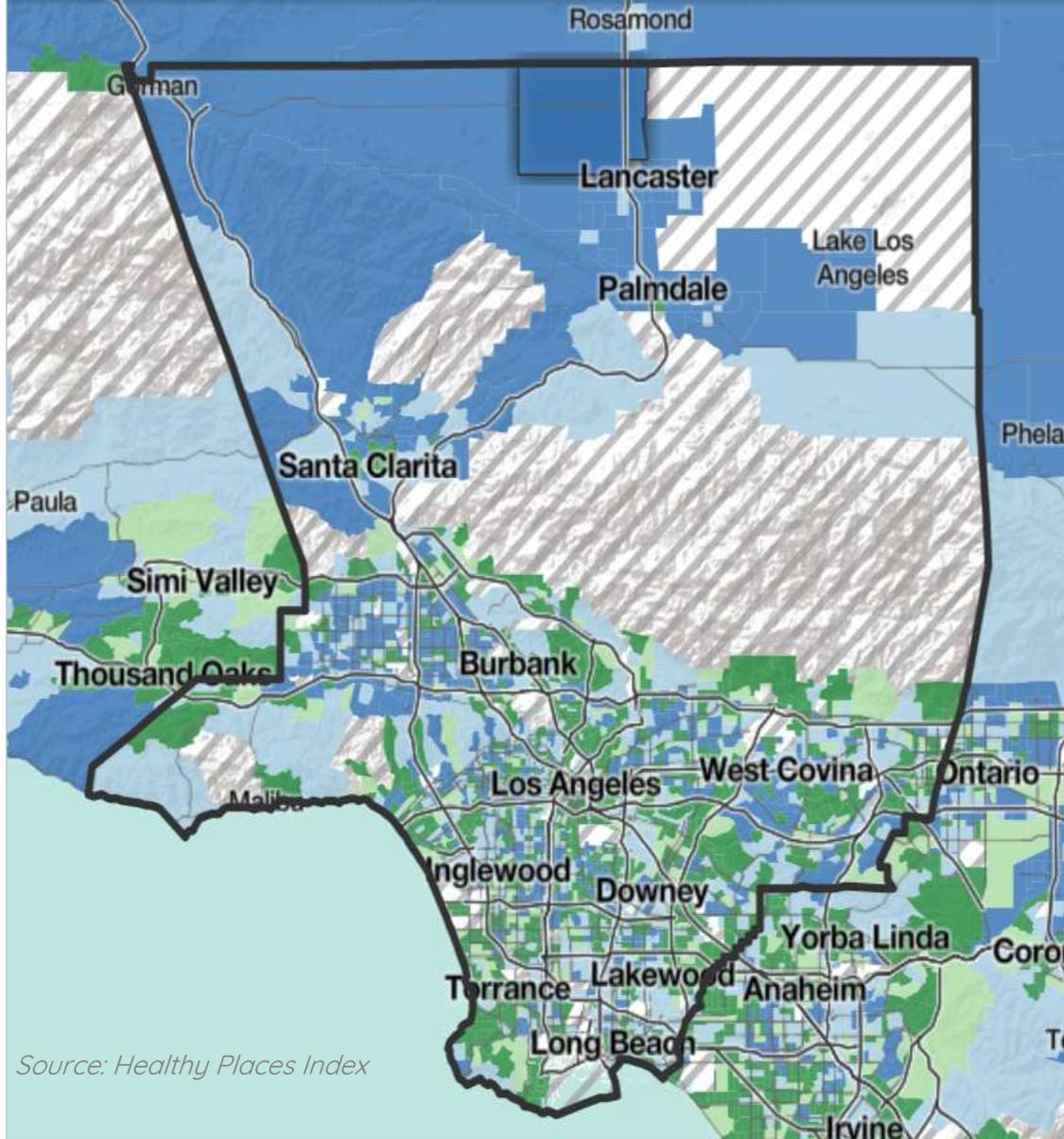
# Healthy Places

Los Angeles County **ranks #23 in health outcomes**, based on how long people live and how healthy people while alive. In terms of **physical environment**, the County **ranks #57**.



## Park Access

African Americans (56%) and Latinos (50%) are **more likely to reside in communities with less park space per capita** compared to Whites (27%) and Asians (36%).



Source: Healthy Places Index

# Pollution Burden

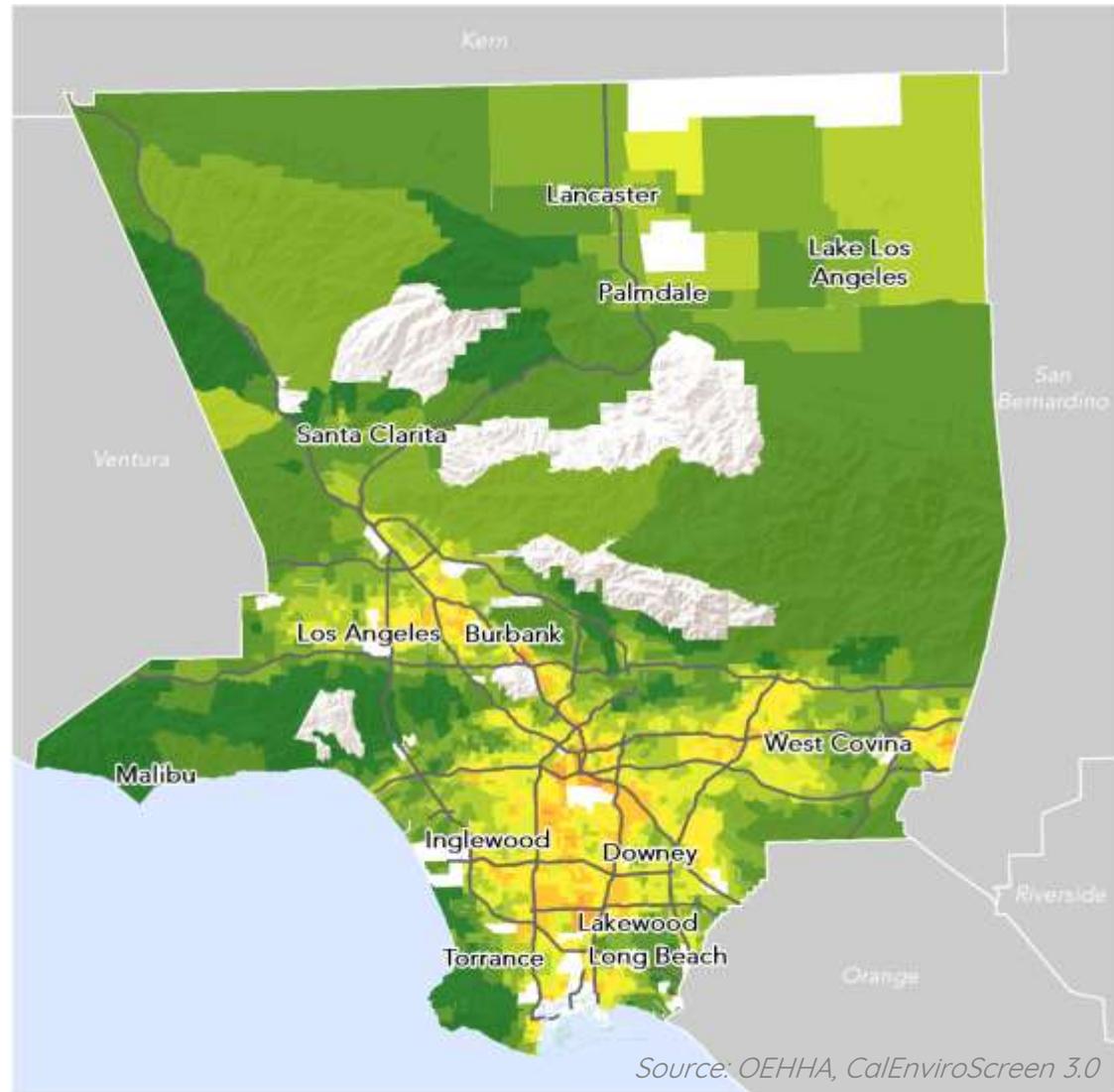
## 4,372,397 residents

of Los Angeles County live in a disadvantaged community.



### 1 in 3

Latino and Black residents live in the most highly-impacted communities statewide



Source: OEHHA, CalEnviroScreen 3.0

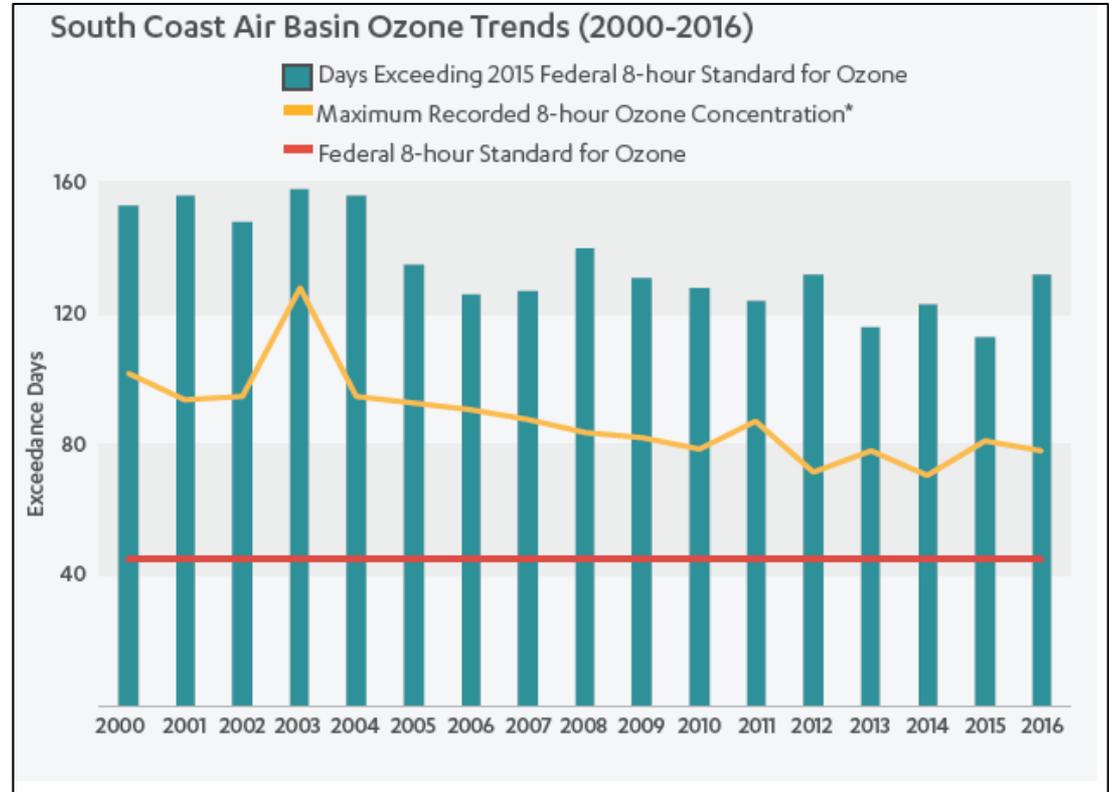
CalEnviroScreen 3.0  
Percentile Score



# Air Quality: Ozone Trends



- L.A. County has a high proportion of toxic emissions from the energy sector
- Ozone trends are consistently above the 8 hour standard for ozone; it varies geographically
- There have been major improvements in light-duty motor vehicles; heavy-duty vehicles have not seen the same kinds of improvements.

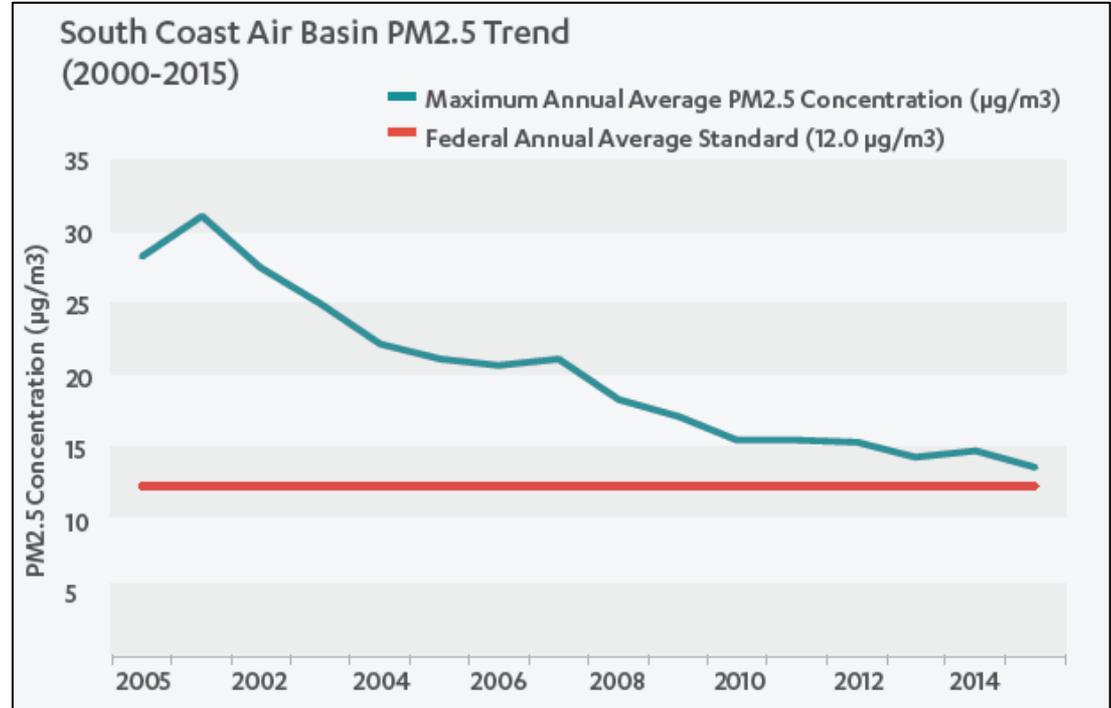


Federico, F., Rauser, C., & Gold, M. (2017). 2017 Sustainable LA Environmental Report Card for Los Angeles County: Energy & Air Quality

# Air Quality: Particulate Matter Trend

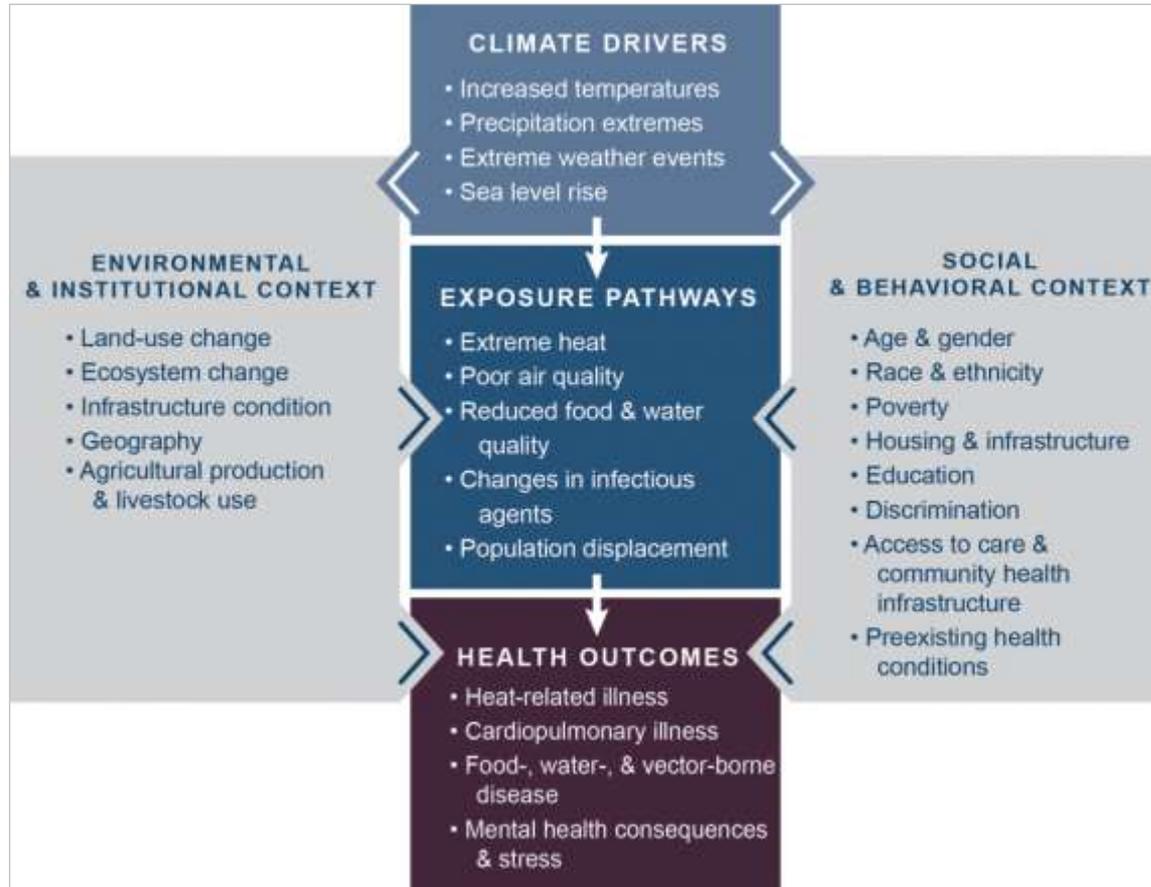


- In the South Coast Basin, PM 2.5 shows a downward trend, but exposure to particulate matters varies geographically
- Finer particles, such as PM2.5, can affect a person's lungs and heart, causing cardiovascular illnesses such as cardiac arrhythmias and heart attacks, and respiratory effects such as asthma attacks and bronchitis.



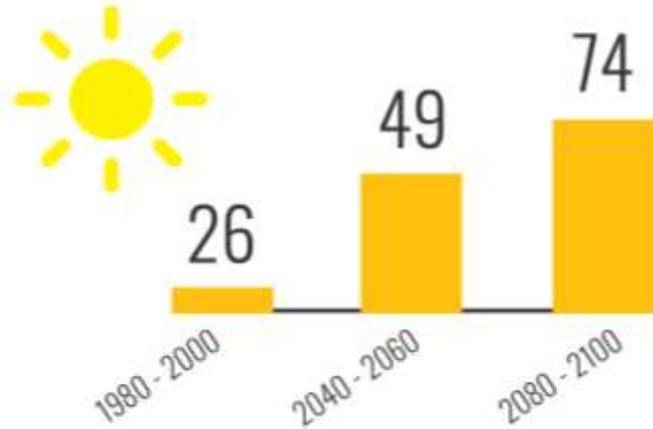
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# Climate Change and Health

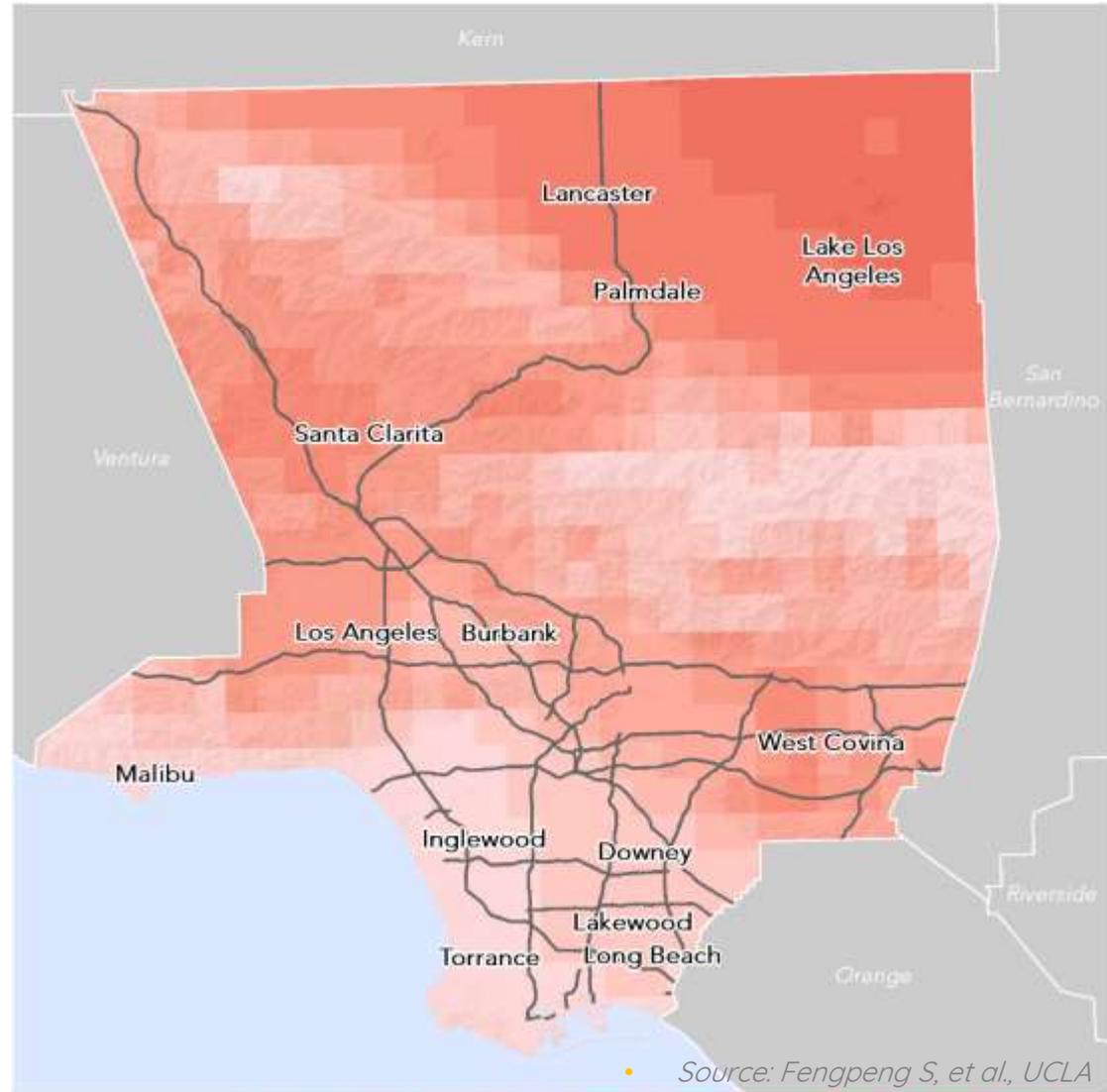


# Extreme Heat Days

## Change in Extreme Heat Days



Average Across LA County



Source: Fengpeng S, et al, UCLA

Average Extreme Heat Days 2050 (Scenario 8.5)



# Draft Goals for Discussion



- A. Eliminate racial disparities in health outcomes by supporting policies that advance equity.
- B. Improve collection, accessibility, and evaluation of public health data by adopting a racial equity lens.
- C. Improve community communication by developing a place-based climate change education partnership.
- D. Build a County that supports inclusion, health and wellbeing for all residents.
- E. Enhance health equity by addressing racial equity and environmental pollution.
- F. Accelerate the transition to sustainable alternatives to fossil fuel for transportation, manufacturing, and energy production.
- G. Improve access to educational and employment opportunities.

# Nonprofit Workshop Feedback

# Nonprofit Water Workshop June 28, 2018 - The California Endowment



# Nonprofit Energy Workshop July 13, 2018 - LATTC



## Morning Small Group Discussions on Cross-cutting Issues



## Afternoon Breakouts on Environment, Health, Economy, & Equity



# Nonprofit Transportation Workshop July 27, 2018 - LATTC



## “Dot Democracy” Activity



# Case Studies

# LA County Case Studies



- Los Angeles County Food Redistribution Initiative (LACFRI)
- Green Zones
- Center for Health Equity
- Vision Zero
- Life is Better with Trees



[OurCountyLA.org](https://www.OurCountyLA.org)

[#OurCountyLA](https://twitter.com/OurCountyLA)



For California Clean Air Day, join  
your fellow Californians to clear the  
air by making your clean air pledge  
at [cleanairday.org](https://cleanairday.org)

